



Organic Gypsum — Agriculture

Orchard FinesTM

*Premium Spreadable Calcium
Sulfate Dihydrate*

*Orchard Fines is the purest and
most soluble spreadable calcium
sulfate dihydrate gypsum available.*

*Designed for use with double
spinners or chain drive compost
spreaders, it enables more
consistent and even distribution
than coarser gypsum products.*

CONTACT INFORMATION

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diamondkgypsum.com



PREMIUM SPREADABILITY:

Spread post-harvest and early spring.



EXTREMELY PURE:

97% pure, the purest gypsum you can buy.



FAST ACTING: Finely ground particles maximize soil contact and dissolve rapidly upon application.



HIGHEST SOLUBILITY: Unlike anhydrite gypsum, dihydrate gypsum ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$) has 2 water molecules.



EVEN DISTRIBUTION:

Consistent particle placement in the soil with no gaps.



BOLSTER CALCIUM AND SULFUR: Flower development, pollination, fruit cell development and stronger cell walls.

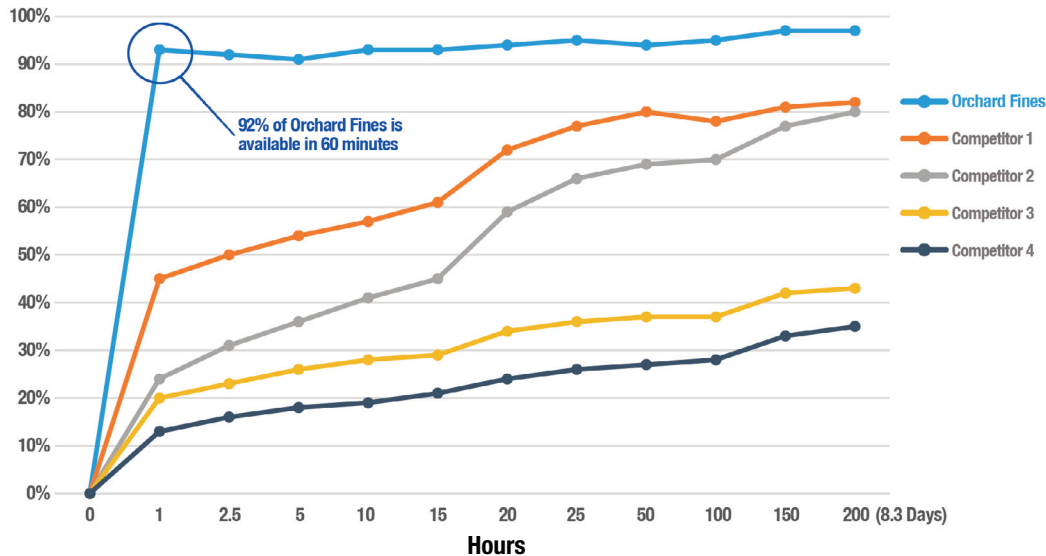
Orchard Fines™ Organic Gypsum

PREMIUM SPREADABLE CALCIUM SULFATE DIHYDRATE

HIGHEST SOLUBILITY: Orchard Fines has the highest solubility of any mined gypsum product on the market.

FASTEST DISSOLUTION: 92% of Orchard Fines dissolved in less than 60 minutes versus days for competitor products

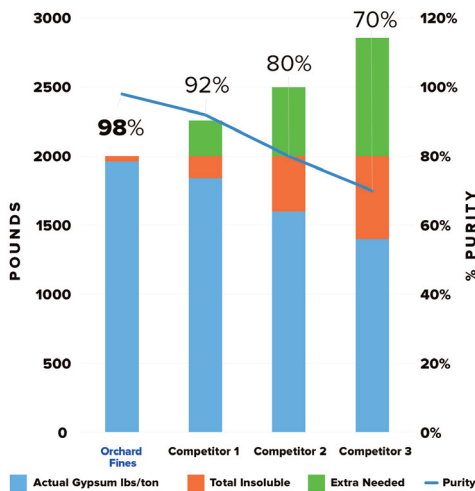
INCREASED AVAILABILITY: Higher solubility and faster dissolution means higher and faster plant availability.



Orchard Fines Solubility Rate in Water



Orchard Fines Purity Comparison



HIGHEST PURITY: Orchard Fines is made from Diamond K mined calcium sulfate dihydrate that is 97% pure.

LOWER INPUT COSTS:

Higher purity means you can apply less Orchard Fines to achieve your desired impact for nutrition.

Guaranteed Analysis

Calcium Sulfate Dihydrate (CaSO ₄ -2H ₂ O)	92% Purity
Calcium	21%
Sulfur	16%
Magnesium	0.08%
Derived from Mined Gypsum (NOP)	

Recommended Application Rates:

- **Field application:** Use 50–400 lb per acre and apply more frequently than non-soluble gypsum.
- **Fertigation:** Can be used for fertigation, applying at lower rates than non-soluble gypsum but more frequently.
- **Foliar application:** Use 1–10 lb per acre.

Note: Soil testing is crucial to determine appropriate application rates based on specific soil conditions, climate, and soil texture, especially when high levels of sodium are present.

